

INTERNATIONAL SEARCH REPORT

International Classification No  
PCT/ISA/02627

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/28 H04L12/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 519 878 A (DOLIN JR ROBERT A) 21 May 1996 (1996-05-21) abstract column 2, line 37 - line 55 column 5, line 28 - line 35 column 7, line 36 - column 8, line 4 column 11, line 7 - line 10 column 14, line 1 - line 25 figures 1,7	1-9
X	US 6 185 566 B1 (SAUNDERS ANDREW T ET AL) 6 February 2001 (2001-02-06) abstract column 2, line 35 - line 40 column 6, line 37 - line 65 column 7, line 13 - line 30 --- -/-	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

15 October 2003

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23/10/2003

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## INTERNATIONAL SEARCH REPORT

Internat. Application No  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 420 572 A (KAGAN RICHARD S ET AL) 30 May 1995 (1995-05-30) abstract column 3, line 63 -column 4, line 5 column 10, line 64 -column 11, line 21 ----	1-9
A	MOYER S ET AL: "SERVICE PORTABILITY OF NETWORKED APPLIANCES" IEEE COMMUNICATIONS MAGAZINE, IEEE SERVICE CENTER, PISCATAWAY, N.J, US, vol. 40, no. 1, January 2002 (2002-01), pages 116-121, XP001102586 ISSN: 0163-6804 the whole document ----	1-9
A	US 4 918 690 A (MARKKULA JR ARMAS C ET AL) 17 April 1990 (1990-04-17) abstract -----	1-9

## INTERNATIONAL SEARCH REPORT

 Interna  
 PCT/  
 Application No  
 3/02627

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5519878	A	21-05-1996	NONE
US 6185566	B1	06-02-2001	EP WO
		1000392 A2 9957621 A2	17-05-2000 11-11-1999
US 5420572	A	30-05-1995	NONE
US 4918690	A	17-04-1990	AT
		130154 T	15-11-1995
		AU 619514 B2	30-01-1992
		AU 2824989 A	01-06-1989
		AU 630538 B2	29-10-1992
		AU 6990491 A	18-04-1991
		AU 640733 B2	02-09-1993
		AU 6990591 A	02-05-1991
		CA 1318719 C	01-06-1993
		CA 1326274 C2	18-01-1994
		CA 1326275 C2	18-01-1994
		DE 3854670 D1	14-12-1995
		DE 3854670 T2	17-10-1996
		EP 0388436 A1	26-09-1990
		GB 2231426 A ,B	14-11-1990
		GB 2244576 A ,B	04-12-1991
		GB 2244577 A ,B	04-12-1991
		HK 7693 A	12-02-1993
		HK 7793 A	12-02-1993
		HK 74696 A	10-05-1996
		JP 7085557 B	13-09-1995
		JP 3504066 T	05-09-1991
		KR 9702742 B1	08-03-1997
		SG 86192 G	04-12-1992
		SG 86492 G	04-12-1992
		RU 2090926 C1	20-09-1997
		WO 8904578 A1	18-05-1989
		US 5475687 A	12-12-1995
		US 4969147 A	06-11-1990
		US 4939728 A	03-07-1990
		US 5844888 A	01-12-1998